ABSTRACT

When a network client accesses a file in a network file server, the network file
server invokes a conventional virus checker program in an NT file server to transfer
pertinent file data from the network file server to random access memory in the NT file
server to perform an anti-virus scan. Users may interact with the virus checker program
in the usual fashion, to select file types to check, and actions to perform when a virus is
detected. This method eliminates the need for porting the virus checker program to the
network file server, and avoids maintenance problems when the virus checker program is
updated or upgraded. Moreover, a kernel mode driver in the NT file server may provide
an indirect interface to the virus checker program for initiating an anti-virus scan.
Therefore, the driver supports a wide variety of virus checker programs and ensures
continued operation when the virus checker program is upgraded.